

**Solution for peritoneal dialysis or infusion comprising heat sterilized solutions one containing calcium and glucose and the other bicarbonate**

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**Abstract**

A solution for peritoneal dialysis or infusion comprises two separate solutions in a double-chambered pouch, one of which (containing calcium ions and glucose) is acidified to a pH of less than 3.2, while the other contains bicarbonate. A solution for peritoneal dialysis or infusion comprises two separate solutions, which are mixed together after heat sterilization. One solution contains calcium ions, other electrolyte salts and glucose in an osmotically active concentration, while the other solution contains bicarbonate and the salt of a weak acid with a pKa of less than 5. The first solution is acidified with a physiologically acceptable acid to give a pH of less than 3.2, and the bicarbonate content of the second solution is fixed so that the concentration of bicarbonate does not exceed 10 mmol/l. An independent claim is also included for a double-chambered pouch for the two solutions, which is made of plastic. The wall separating the two solutions may be broken by applying pressure to either of the chambers.

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